

WHAT IS CLAIMED IS:

1. An active matrix display device comprising:
a pair of substrates;
5 an optical modulation layer lying between the substrates;
a plurality of pixel electrodes provided on one of the substrates;
switching elements for driving the respective pixel
10 electrodes, provided in the vicinity of the pixel electrodes;
and
a reflective or transfective reflecting layer formed on at least one substrate more distant from a viewer side,
wherein the reflecting layer has asymmetrical reflection
15 properties.
2. An active matrix display device according to Claim 1,
the cross section of the reflecting layer has a corrugated surface whose phase from the light-entering direction to the
20 light-receiving direction has asymmetrical curvatures with respect to the normal to the substrate.
3. An active matrix display device according to Claim 1,
wherein a curve of the cross section of the reflecting layer
25 comprises two curves having different curvatures from each other.
4. An active matrix display device according to Claim 3,

wherein the maximum tilt angle of the curvatures is 30°.

5 5. An active matrix display device according to Claim 1,
 wherein the switching elements each comprise a thin film
 transistor.

 6. An active matrix display device according to Claim 5,
 wherein the switching elements each have an inverted-
 staggered shape.

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 7. An active matrix display device according to Claim 1,
 further comprising a color filter, wherein the switching
 elements are provided on one substrate closer to the viewer
 side, and a color filter is provided on the other substrate.

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 8. An active matrix display device according to Claim 1,
 further comprising a color filter, wherein the switching
 elements and the color filter are provided on one substrate
 more distant from the viewer side.

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 9. An active matrix display device according to Claim 1,
 wherein the pixel electrodes double as the reflecting layer
 and each have a corrugated surface having asymmetrical
 curvatures.

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 10. An active matrix display device according to Claim
 9, further comprising an insulating layer covering the
 switching elements, the insulating layer having a corrugated

surface having asymmetrical curvatures, and the pixel electrodes are formed along the corrugated surface so as to provide a corrugated surface having asymmetrical curvatures in the pixel electrodes.

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11. An active matrix display device according to Claim 10, wherein the insulating layer has contact holes in which conducting portions are formed, and the pixel electrodes and the respective switching elements are connected to each other
10 with the conducting portions.

12. An active matrix display device according to Claim 1, wherein the switching elements are each nonlinear two-terminal element.

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13. An active matrix display device according to Claim 2, further comprising an insulating layer underlying the reflecting layer, the insulating layer is provided with a corrugated surface by stamping, wherein the corrugated
20 surface of the reflecting layer is formed using the corrugated surface in the insulating.